ORM PTO-1449 Hodifiéd)	U.S. I	DEPAR NT AN	TMENT ID TRAI	OF CC	MMEE		<u>~</u>	AT	TY. DOCKET NO. ASTRX-010	6	SERIAL NO. 10/067,49	36				
•	INF	ORMAT NTEME!	TON DI	scuos	URE			AP	PUCANT James Castillo	*UCANT James Castillo						
37 CFR 1.98(b))		severe		it deces	-APR	1 6 2	1WZ	FIL	JNG DATE February 4, 2002	GROUP 3764						
				TE	<u> </u>		يَّنِور	PATENT DO	CUMENTS							
EXAMINER INITIAL			PATE	IUN TN	AS EP	ADEM	ARIA	ISSUE DATE	PATENTEE	CLAS	S SUBCLASS	FILING DATE of appropriate				
FIM	0	2	6	9	3	7	9	06/1983	Bledsoe *							
1	0	2	8	4	7	0	2	07/1986	Castillo *							
	D	2	9	8	5	6_	8	11/1988	Womack *							
	D	3	1	8	7	3	6	07/1991	Castillo *							
	0	3	4	6	0	2	8	04/1994	Lengyel •			ļ				
	O	3	5	7_	0	7	0	04/1995	Castillo *							
	1	3	9	0	9	1	5	09/1921	Loth *			<u> </u>				
	2	5	3	1	4	8	6	11/1947	Weber *			<u> </u>				
	2_	8	8	3	9	8	2	04/1959	Rainey *			<u> </u>				
	3	0	3	0	6	3	4_	04/1962	Bair *			i				
l	3_	0	9	9	4	4	8_	07/1963	Salvo et al. *			<u> </u>				
FIM	3	3	8	7	3	0	5	06/1968	Shafer *	<u> </u>		<u> </u>				
				FO	REIGN	PATEN	IT OR F	UBUSHED F	OREIGN PATENT APPLICAT	ION		,				
li .			DOCUI	WENT N	UMBER	ı		PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLAS	S SUBCLASS	YES	LATIO			
e cm	2	9	7	7	6	6	_A_	04/1989	European Pat. Off. *			123	Ľ			
	1.		_ و		-5	-6	9	07/1069	Germany •			<u> </u>	L			
	2	4	3	2	7	6	6	03/1975	Germany 1				L			
FCM	8	4	0	4	2	4	0	11/1984	WPO •				L			
												<u> </u>	L			
		01	THER C	ЮСИМ	ENTS (Includ	ng Aut	or, Title, Date	e**, Relevant Pages, Place o	of Publication	on***)					
	-															
								<u> </u>	····							
												,				
								 								
											<u></u>					
XAMINER A		Mad				DAT	E CON	SIDERED	9/30/2004							

VPATENTS/VABUTOZA 981

1.

Section 2. Form PTO-	449 (Mo	dified)			_4	_	<u> </u>	DPY OF PAR	PERS		Sheet 1 of 6				
GORDO 1049	U.S. (DEPAR ENT AN	TMENT D TRAI	OF CC	MM K OFF	E ICE	OF	RIGINALLYA 	DECKET NO. ASTRX-0108	SERV	AL NO. 10/067,49	8 			
E	INFI STA	ORMAT NEMEN	TON DI	SCLOS	URE			APP	LICANT James Castillo	. <u>.</u>					
AUS 0 9 2002 (37 CFR 1.98(b))	1	several						FILIA	NG DATE February 4, 2002	GRO	UP 3764				
. 8							U.S	S. PATENT DOC	UMENTS						
RAGENAL BE			PATE	NT NU	VBER			ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING # APPRO	DATE		
FLON	5	2	6	7	9	4	6	12/07/1993	Singer et al.						
	5	5	4	7	4	6	4	08/20/1996	Luttrell et al.						
	5 5 7 1 2 0				0	6_	11/05/1996	Vam							
	-	-	-	-		· 									
	 	 					 								
						_	 								
	-														
						OREGN	PATENT	OR PUBLISHED FOR	EIGN PATENT APPLICATION		T				
	ļ		000	LIMENT NO.	MRER			PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO		
				ļ		<u> </u>	<u> </u>								
	╂—		├	-	-	-						 	\vdash		
	+	 	 	 			 	<u> </u>							
			THER C	OCUM	ENTS (Includi	ing Aut	hor, Title, Date	*, Relevant Pages, Place of	Publication**	•) :		كمعيبيي		
	T										: -	· :::			
												ري د د	- 		
	_										· :				
	-	-		_				-			•	F 80	3 ;		
	-	-							-			<u>ن :</u>			
	Д_	Mar				,					`				

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kif M. Stetina STETINA BRUNDA GARRED & BRUCKER 75 Enterprise, Suite 250 Aliso Viejo, CA 92656 (949) 855-1246

PATENTS/VABUTOZA.981

Section 2. Form PTO-1449 (Modified)											Sheet 2 of 6							
FORM (Modifie	PTO-1				IMENT D TRAI	OF CC	MMEF IK OFF	IÇE	01	PE		/. DOCKET NO. ASTRX-0108	3	SERV	NO. 10/067,499	3		
•			INFO	RMAT	ION DI	SCLOS VPPUC	URE	Ι,	IPR 1	6 2002	APPI	JCANT James Castillo						
(37 OF	R 1.98((b))	(Use	several	sheets	if neces.	sæy)	PATES			源。	JP						
						-,		7	of Trees	S) FALTER	T DOC	UMENTS						
EXAM!					PATE	עא זא	MBER			ISSI DA	Œ	PATENTEE	CLASS		SUBCLASS	FIUNG DATE		
· FC	*		3	6	6	9	1	0	5	06/19	972	Castiglia *						
			3	7	7	9	6	5	4	12/1	973	Home *						
			3	,	8	5	3	7	2	01/1	974	Craig *						
-1			3	8	Ť	7	2	4	4	06/1		Taylor *						
			3	9	0	0	8	9	8	08/1	975	Kerman *				•		
$\neg \uparrow$			3	9	0	2	4	8	2	09/1	975	Taytor •						
\neg			3 9 2 8 8 7						2	12/1	975	Johnson *						
			3	9	5	8	5	6	9	05/11		Vosburgh *						
			4	1	3	6	1	0	4	01/1		Lange *						
			4	1	6	9	4	6	7	10/1		Rabischong et al. *) <u></u>		
			4	2	4	1	,	3	0	12/1	-	Hellet *						
F	cM		4 2 7 1 8 3							06/1		Deibert *						
	•										ED FO	REIGN PATENT APPLICATI	ON					
		· –								PUBLICATION DATE		COUNTRY OR				TRANSL	ATION	
		•			DOCUI	MENT N	UMBEF	3				PATENT OFFICE	CLASS		SUBCLASS	YES	NO	
						Γ												
						Ī												
			 												·			
				-														
														-				
					HEB C	OCUM	FNTS	(Includi	na Aut	hor Title	Date*	. Relevant Pages, Place of	f Publica	ation***)			
						<u></u>									•			
												······································						
			-	\vdash			-											
		\vdash	 										-:	-				
																·		
EXAMI	NER	40	M	L ,				DAT	E CON	SIDERE)							
		-4 5																

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Alty: Kit M. Stetina STETINA BRUNDA GARRED & BRUCKER 75 Enterprise, Suite 250 Aliso Viejo, CA 92656 (949) 855-1246

VPATENTS\

ID\$1449.PTO

RECEIVED
APR 2 2 2002

FORM PTO-1 (Modified)	1449'	U.S. (DEPAR NT AN	TMENT ID TRA	OF C	OMMEI RK OFF		61	PE	<u> </u>	, DOCKET NO. ASTRX-010	6	SERI	AL NO. 10/067,4	98		
		INFO	ORMAT	TON D	SCLOS APPLIC	URE ANT	/ A	DD 1	6 2002	SPPI	JCANT James Castillo						
(37 CFR 1.98	3 (b))	-	-		if neces	sary)	PART	rn i	2002	SEI IN	G DATE February 4, 2002 G			ROUP			
· · · · · ·							V	וטקל	S PATEN	π DOC	UMENTS						
EXAMINER INITIAL				ΡΑΠ	NT NU	MBER			ISS DA		PATENTEE	a	ASS	SUBCLASS	FILING OF APPR	DATE OPRIATE	
FCM		4	3	6	1	1	4	4 2 11/		0/82	Lewis et al. *	<u> </u>					
		4	3	7	2	2	9	8	02/0	8/83	Lerman *				<u> </u>		
		4	3	8	1	7	6	6 8 05/03		3/83	Ericksen, et al. *						
		4	4	0	7	2	7	6	10/0	4/83	Bledsoe *						
		4	4	2	8	3	6	6 9 01/31, 0 0 12/11, 1 8 12/15		1/84	Peckham et al. *						
	_	4	4	8	7	2	0			1/84	Feanny et al. •	<u> </u>			<u> </u>		
		4	4	8	9	7	1			5/84	Martin *	<u> </u>			٠.		
		4	4	9	3	3	1	6	01/1	5/85	Reed, et al. *	<u> </u>		ļ			
		4	4	9	4	5	3	4	01/2	2/85	Hutson *						
		4	5	0	3	8	4	6	03/1	2/85	Martin *						
		4	5	2	3	5	8	5	06/1	8/85	Lamb et at. *						
Fin	L_	4	5	5	4	9	<u> </u>	3	11/2	6/85	Womack et al. *						
		.			FO	REIGN	PATEN	TORI	PUBUSH	ED FOR	REIGN PATENT APPLICAT	ION		,	T		
				0001	MENT N	1 ILADEI	.		PUBLIC	ATION TE	COUNTRY OR PATENT OFFICE	"	ASS	SUBCLASS	TRAKS	LATION	
	<u> </u>	<u> </u>		1	MENT I	T	' T				PAIGH OFFICE	ļ ~		303000	YES	NC	
	_	ļ										<u> </u>		ļ <u>.</u>		<u> </u>	
	ļ				<u> </u>							ļ		ļ		 	
	<u> </u>	<u> </u>			Ь.		ļ					ļ			<u> </u>	<u> </u>	
,		<u> </u>					 					ļ		ļ		<u> </u>	
		<u> </u>	<u> </u>		<u> </u>		<u>L.</u> .					<u> </u>		<u> </u>		<u> </u>	
		,	01	THER C	OCUM	ENTS	(Includi	ng Aut	hor, Title	Date*	, Relevant Pages, Place o	of Publica	tion**	"	· ·		
												-					
														· · · · · · · · · · · · · · · · · · ·			
	<u> </u>													· · ·			
EXAMINER	10	M					DAT	E CON	SIDERE)							
EXAMINER: I	nitial c	itation c	conside	red. D	raw lin	e throu	gh cita	ion if n	ot in con	formati	on and not considered. In	clude co	py of t	his form with next	1		

communication to applicant.

VPATENTS\VABUTOZA.981

Aty: Kit M. Stetina
STETINA BRUNDA GAARED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
APR 2 2 2002

FECHNOLOGY CENTER R3700

. . سحمت.

Section 2. Form	PTO-14						<u>/</u>	(P)	E			Ī	Sheet 4 (
FORM PTO- (Modified)	1449'	U.S. (PATE	DEPAR INT AN	TMENT D TRA	OF CO	DMMER RK OFF	RCE)	1,	` '6 <u>)</u>	ATTY	, DOCKET NO. ASTRX-010	6 :	SERIAL NO.	10/067,49	8	
		INFO	ORMAT TEMEN	ION DI	SCLOS VPPUC	URE ANT	APR	16	2002	APPI	JCANT James Castillo					
(37 DFR 1.98	B(b))	(Use	several	sheets	il neces	12Y P	S.		ું	FILIN	IG DATE February 4, 2002	•	GROUP			
							C& M	RATU.	PATEN	T DOC	UMENTS					
EXAMINER INITIAL				PATE	NT NU	MBER			ISSL DAT	E E	PATENTEE	CLAS	s suba	CLASS	FILING & APPRO	DATE
FCM		4	5	5	9	9	9	8	07/15	/88	Castillo *					
		4	6	0	3	6	9	0	08/05	V 86	Skeen *					
		4	6	1	4	1_	8	1	09/30	V86	Kartsson *	<u> </u>				
		4	6	2	0	5	3	2	11/04	/86	Houswerth *	ļ				
	ļ	4	6	2	1	6	2	4	11/11	/86	Rayboy *	<u> </u>				
	<u> </u>	4	6	2	8	9	1	6	12/16	V86	Lerman et al. *					
		4	6	6	5	9	0	5	05/19	/87	Brown *			_		
		4	6	8	1	0	9	7	07/21	/87	Pansier *	ļ				
		4	6	9	7	5	8	3	10/06	V 87	Mason et al. *	ļ				
		4	6	9	9	1	2	9	10/13	V 87	Aaserude et al. *					
		4	7	1	5	3	6	3	12/29	/87	Detry •					
Fin		4	7	2	3	5	3	9	02/09	/88	Townsend *					
					FO	REIGN	PATEN	IT OR I	PUBLISHE	ED FOI	REIGN PATENT APPLICAT	ON				
									PUBLICA	NOIT	COUNTRY OR PATENT OFFICE				TRANSL	ATION
		İ		DOCUI	MENT N	IUMBEF	₹		DAT	t	PATENT OFFICE	CLAS	s subc	CLASS	YES	NO
-	 															
	1															
	1	 							Ì	•		,		1		
-			OI	HER D	OCUM	ENTS	Includi	na Aut	hor. Title.	Date*	, Relevant Pages, Place o	f Publication	on***)			
	T	Π	<u> </u>													
	1															
	 												•			
																
	 	\vdash													• • •	
		 														
EXAMINER	1/1	11		-			DAT	E CON	SIDERED)		····	***			
EXAMINER:	Initial c	itation c	onside	red. D	raw lin	e throu	gh cital	tion if n	ot in conf	lormati	on and not considered. In	ctude copy	of this form	with next		
communicati	ion to a	ppiican	i										STETINA BRU		y: Kit M. S	
													SILINOIR	75 E	nterprise, liso Vieio	Suite 250
VPATENTS\	·						iDS144	9.PTO							(949) 850	246
															4	(C)
													à	<i>y</i>	400	
				•									`	CAN.	The second	RUCKER Suite 250 CA 92656 1246
														₹0	GL.	E 202
															Co	100
															10	
																razon
																-0

Section 2. Form	PTO-14	149 (Mo	dified)		_		<u> </u>	PA		Sheet 5 of 6							
FORM PTO-1 (Modified)	1449'	U.S. (DEPAR ENT AN	TMENT ID TRA	OF C	OMME!			TOTAL	ATTY	/. DOCKET NO. ASTRX-010	8	SERI	AL NO. 10/067,4	198		
		SIA	ORMAT NTEME!	NI BT /	vruc	<i>-</i> WW		6 2		APPL	LICANT James Castillo						
(37 CFR 1.98	l(b))	(Use	sovera	l sheets	if neces		7 _e -	اهمد	K S	FIUN	IG DÀTE February 4, 2002	2002 GROUP					
	_						TH	AIDE V		IT DOC	NUMENTS						
EXAMINER INITIAL				PATE	NT NU	MBER			ISSI DA		PATENTEE	CLASS		SUBCLASS	FILING F APPRO	DATE	
. 4cm		4	7	5	3	2	4	4 0 12/20		2/88	Sparks *						
		4	7	9_	1	9	1	6	12/20	1/88	Paez *						
		4	8	0	3	9	7	7 5 02/1		1/89	Mayers *						
		4	8	5	4	3	0	8_	08/0	3/89	Orillio *						
		4	8_	5	6	. 5	0	1	08/15	5/89	Castillo et al. •						
		4	8	8	6	0	5_	4	12/12	2/89	Castillo et al. *						
		4	9	3	8	2	0	7	07/03	3/90	Vargo *						
		4	9	4	0	0	4	4	07/10	1/90	Castillo *		_				
		4	9	6	4	4	0	2 Grim e		et al.	10/23/90 *						
		4	9	8	6	2	6	4	01/22	2/91	Miller *			,			
•		5	0	6	3	9	1	1 6 11/12/		/91	France et al. *						
FCOT		5	-	2	1	7_	4	2	06/16	V92	Engen *						
					FO	REIGN	PATEN	T OR F	UBLISH	ED FOR	REIGN PATENT APPLICATI	ON					
									PUBLICATION	ATION					TRANSL	ATION	
		<u> </u>		DOCU	MENT N	UMBER	l 			_	PATENT OFFICE	a	ass	SUBCLASS	YES	NO	
									<u> </u>								
			ОТ	HER D	осим	ENTS (Includi	ng Autl	nor, Title,	Date**	. Relevant Pages, Place of	Publica	tion***	')			
														•			
	L																
EXAMINER	40	M					DATI	CON	SIDERED)							
EXAMINER: In communication				red. D	raw line	throug	gh citat	ion if n	ot in con	ormatic	on and not considered. Inc	dude co	py of th	is form with next			

Atly: Kif M. Stetina STETINA BRUNDA GARRED & BRUCKER 75 Enterprise, Suite 250 Aliso Viejo, CA 92656 (949) 855-1246



Section 2. Form P	TO-144	9 (Mod	lified)											Sheet 6 of 6				
FORM PTO-14 (Modified)		U.S. C	EPAR	TMENT D TRAI	OF CO	OMME RK OFF	É E	TP,	E S	ATT	, DOCKET NO. ASTRX-010	В	SERV	NL NO. 10/067,49	8	_		
•		INFO	RMAT TEMEN	ION DI	SCLOS	URE ANT	APR	162	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		UCANT James Castillo							
(37 DFR 1.98()	b))	(Use	several	sheets	if neces		٠-··				FIUNG DATE February 4, 2002			GROUP				
							& TR	וחבוט!	S. PATEN	поос	UMENTS							
EXAMINER INITIAL				PATE	NT NU	MBER			ISS DA	UE TE	PATENTEE	CLASS_		SUBCLASS	FILING DATE OF APPROPRIATE			
. FIM		5	1	3	5_	4	6	9	08/0	1/92	Castillo *							
		5	2	3_	0	6	9	7	07/2	7/93	Castillo et al. •			ļ				
FCM		5	2	8	8	2	8_	7	02/2	2/94	Castillo *							
					<u> </u>		ļ		ļ			ļ						
	_						<u> </u>		<u> </u>			ļ						
				_		<u> </u>	ļ	ļ	ļ			<u> </u>						
					<u> </u>			<u> </u>				<u> </u>						
					<u> </u>		ļ	<u> </u>	ļ			-						
				ــــــ	ļ	<u> </u>	ļ	<u> </u>				<u> </u>						
												ļ						
					├	<u> </u>	-	<u> </u>	-						-			
			L	<u> </u>	L	L	<u> </u>		<u> </u>		<u> </u>	<u></u>		<u> </u>				
					FO	REIGN	PATE	NT OR	T		REIGN PATENT APPLICATI I	ION T		F				
				DOCU	MENT N	IUMBE	R		PUBLIC	ATION IE	COUNTRY OR PATENT OFFICE	CLASS	ASS	SUBCLASS	TRAKSL	T		
			r					T							YES	NO		
				 	├	1		<u> </u>	 			├				├		
	_			- 1	├	<u> </u>	├	<u> </u>	 			-						
					 		╁	-	├			 				 		
				<u> </u>			-	ļ	├									
			L		<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u>L</u>	<u> </u>		<u> </u>		L		
	-		01	THER C	OCUM	ENTS	(Includ	ing Aul	thor, Title	, Date*	*, Relevant Pages, Place of	1 Public	ation**	"				
	l		<u> </u>		-													
														-				
												·			•			
.																_		
EXAMINER	M()	M					DAT	E CON	SIDERE	D	The loost							
	7	<u> </u>									 · · · · · · · · · · · · · · · · · ·							

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Alty: Kif M. Stetina STETINA BRUNDA GARRED & BRUCKER 75 Enterprise, Suite 250 Aliso Viejo, CA 92656 (949) 855-1246

IDS1449.PTO

